PE TRACEMENT

Cio Mu.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Assistant Commissioner for Patents,
Washington, D.C. 20231, on \_\_April 30, 2001

MAY 1 8 2001 TECH CENTER 1600/2900

RECEIVED

LAW OFFICES OF JONATHAN ALAN QUINE

Alexandra Allison

Attorney Docket No. 02-025630US

Client Ref. No. 0113.004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Venkiteswatan Subramanian et al.

Application No.: 09/373,333

Filed: August 12, 1999

For: DNA SHUFFLING TO PRODUCE

HERBICIDE SELECTIVE CROPS

Examiner: D. Johannsen

Art Unit: 1655

RESPONSE TO OFFICE ACTION PURSUANT TO 37 C.F.R § 1.111

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In response to the Office Action mailed January 29, 2001, please reconsider the application in light of the amendments and remarks below.

The following documents are submitted herewith:

- 1) A transmittal sheet;
- 2) A fee transmittal;
- 3) A receipt indication postcard;
- 4) Marked Copy of Amended Claims; and;
- 5) Courtesy Copy of Pending Claims.

| 0            |
|--------------|
|              |
| $\sim$       |
| $\simeq$     |
| $\simeq$     |
| <u></u>      |
| -            |
| $\alpha$     |
| ш            |
|              |
| -            |
| -            |
| پپ           |
| $\mathbf{C}$ |
|              |
| 4            |

Rease type a plus sign (+) inside this box -> +

(Modified) PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

| Application Number     | 09/373,333      |          |  |  |
|------------------------|-----------------|----------|--|--|
| Filing Date            | August 12, 1999 |          |  |  |
| First Named Inventor   | Venkiteswatan   | 2001     |  |  |
| Group Art Unit         | 1655            | α        |  |  |
| Examiner Name          | D. Johannsen O  | MAY 1    |  |  |
| Attorney Docket Number | 02-025630US     | <u> </u> |  |  |

|                               |   |                   | ENCLOSURES (check all that ap   | ply)    |   |
|-------------------------------|---|-------------------|---|---------|---|
| Fee Transm                    | ittal Form  |                   | Assignment Papers<br>(for an Application)   |         | After Allowance Communication to Group  |
| Fee A                         | ttached   |                   | Drawing(s)  |         | Appeal Communication to Board of Appeals and Interferences                    |
| X Amendmen                    | t / Response  |                   | Licensing-related Papers  |         | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)             |
| Afte                          | r Final   |                   | Petition Routing Slip (PTO/SB/69) and Accompanying Petition   |         | Proprietary Information   |
| Affid                         | lavits/declaration(s)                                     |                   | Petition to Convert to a<br>Provisional Application   |         | Status Letter   |
| Extension o                   | f Time Request  |                   | Power of Attorney, Revocation<br>Change of Correspondence<br>Address  | X       | Additional Enclosure(s) (please identify below):                              |
| Express Ab                    | andonment Request   |                   | Terminal Disclaimer Small Entity Statement  |         | marked copy of amended<br>claims, courtesy copy of<br>pending claims, receipt |
|                               | Disclosure Statement                                      |                   | Request for Refund  |         | acknowledgment postcard   |
| Document(s                    | opy of Priority<br>s)<br>to Missing Parts/<br>Application | Please<br>this pa | rization to Charge Deposit Account charge Deposit Account No. 50-0893 per or during the pendency of this application of the documents enclosed. | ication | additional fees associated with<br>, including any extensions of time         |
| Res <sub> </sub>              | ponse to Missing<br>s under 37 CFR<br>or 1.53             | Re                | marks   |         |   |
|                               | SIGNATU   | JRE O             | F APPLICANT, ATTORNEY, OR   | AGEN    | VT  |
| Firm<br>or<br>Individual name | Gwynedd Warr  | en Re             | g. No. 45,200 The Law Office  | s of J  | onathan Alan Quine  |
| Signature                     | Luyne   | dal               | Bene  |         |   |
| Date                          | April 30, 2001  | L                 |   |         |   |
|                               |   |                   |   |         |   |

| CERTIFICATE OF MA   | AILING |                |
|---|--------|----------------|
| I hereby certify that this correspondence is being deposited with the Ur<br>envelope addressed to: Assistant Commissioner for Patents, Washingt |        |                |
| Typed or printed name   Alexandra Allison   |        |                |
| Signature alexanous allian  | Date   | April 30, 2001 |

(Modified) PTO/SB/17 (12-98)
Approve use through 09/30/2000. OMB 0651-0032
Patent and Trademan rice: U.S. DEPARTMENT OF COMMERCE
JC bider the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| SE.        | E TRANSMITTAL                               |
|------------|---|
| MAROFF     | for FY 2001                                 |
| <i>§</i> / | Patent fees are subject to annual revision. |

TENT & Cotherwise large entity fees must be paid. See Forms PTO/SB/09-12.

| TOTAL | <b>AMOUNT</b> | OF PAYMENT | l |
|-------|---------------|------------|---|
|       |               |            |   |

| Co.                  | mplete if Known           |     |  |  |  |
|----------------------|---------------------------|-----|--|--|--|
| Application Number   | 09/373,333                |     |  |  |  |
| Filing Date          | August 12, 1999           |     |  |  |  |
| First Named Inventor | Venkiteswatan Subramanian |     |  |  |  |
| Examiner Name        | D. Johannse               | n_  |  |  |  |
| Group / Art Unit     | 1655                      |     |  |  |  |
| Attorney Docket No.  | 02-025630US               | ۇ 🗓 |  |  |  |

| TOTAL AMOUNT OF PAYMENT (\$) 846.00   |             | Atto                                  | mey L        | ocket                                   | No.                                   | 02-025630                                    | 000         |
|---|-------------|---------------------------------------|--------------|---|---------------------------------------|--|-------------|
| METHOD OF PAYMENT (check one)   |             |                                       |              | FI                                      | E CALCULAT                            | ION (continued)                              |             |
| The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:       | Lare<br>Fee | ADDIT<br>ge Entit<br>e Fee<br>de (\$) | y Sma<br>Fee |   | 4                                     | escription                                   | Fee Fald    |
| Deposit Account 50-0893   | 105         | * * *                                 | 205          | 65                                      | Surcharge - late fil                  | ing fee or oath                              |             |
| Deposit<br>Account<br>Name  | 127         | 7 50                                  | 227          | 25                                      | -                                     | rovisional filing fee or                     |             |
|   | 139         | 130                                   | 139          | 130                                     | Non-English specif                    | ication                                      |             |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17   | 147         | 7 2,520                               | 147          | 2,520                                   | For filing a request                  | for reexamination                            |             |
|   | 112         | 920*                                  | 112          | 920*                                    | Requesting publication                | ation of SIR prior to                        |             |
| 2. Payment Enclosed: Check Money Other  | 113         | 3 1,840                               | 113          | 1,840*                                  | Requesting publica<br>Examiner action |  |             |
| FEE CALCULATION   | 115         | 5 110                                 | 215          | 55                                      | Extension for reply                   |  |             |
|   | 116         | 390                                   | 216          |   |                                       | within second month                          | '           |
| 1. BASIC FILING FEE Large Entity Small Entity   | 117         | <b>7</b> 890                          | 217          |   | • •                                   | within third month                           | <u> </u>    |
| Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid                    | 118         | 100                                   | 218          | 695                                     |                                       | within fourth month                          |             |
| 101 710 201 355 Utility filing fee  | 128         | <b>g</b> 0                            | 228          | 945                                     | Extension for reply                   | within fifth month                           |             |
| 106 310 206 155 Design filling fee  | 119         | 310                                   | 219          | 155                                     | Notice of Appeal                      |  |             |
| 107 480 207 240 Plant filing fee  | 120         | 300                                   |              | 150                                     | Filing a brief in sup                 | •  |             |
| 108 690 208 345 Reissue filing fee  | 12          | 1 260                                 | 221          | 130                                     | Request for oral hi                   | <del>-</del>                                 | ting        |
| 114 150 214 75 Provisional filing fee   | 138         | 8 1,510                               | 138          | 1,510                                   |                                       | a public use proceed                         | 1111g       |
|   | 140         | 0 110                                 | 240          | 55                                      | Petition to revive -                  |  |             |
| SUBTOTAL (1) (\$)   | 14          | 1 1,210                               | 241          | 605                                     | Petition to revive -                  |  |             |
| 2. EXTRA CLAIM FEES Fee from  | 143         | 2 1,210                               |              | 605                                     | Utility issue fee (or                 | reissue)                                     |             |
| Extra Claims below Fee Paid   | 14:         |                                       |              | 215                                     | Design issue fee                      |  |             |
| Total Claims20** = 32 × 18 = 576  | 14          |                                       | 244          | 290                                     | Plant issue fee                       | inoionar                                     |             |
| Independent 3** = X =   | 123         |                                       | 122          | 130                                     | Petitions to the Co                   |  |             |
| Multiple Dependent 270 = 270  | 12:         |                                       | 123          | 50                                      |                                       | provisional applicati                        |             |
| **or number previously paid, if greater; For Reissues, see below<br>Large Entity Small Entity         | 12          |                                       | 126          | 180                                     | Submission of Info                    | ormation Disclosure S                        | itmt        |
| Fee Fee Fee Fee Fee Description Code (\$) Code (\$)   | 58          |                                       | 581          | 40                                      | property (times nu                    | atent assignment per<br>imber of properties) |             |
| 103 18 203 9 Claims in excess of 20   | 14          | 6 690                                 | 246          | 345                                     | Filing a submissio (37 CFR 1.129(a))  | n after final rejection                      |             |
| 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid | 14          | 9 690                                 | 249          | 345                                     | For each additional examined (37 CFF  | al invention to be                           |             |
| 109 78 209 39 ** Reissue independent claims   | l           |                                       |              |   |                                       |  |             |
| over original patent  | Othe        | er fee (s                             | pecify)      | *************************************** |                                       |  |             |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent                               | Othe        | er fee (s                             | pecify)      |   |                                       |  |             |
| SUBTOTAL (2) (\$) 846.00  | Red         | duced b                               | y Basi       | c Filing                                | Fee Paid S                            | UBTOTAL (3) (\$                              | 5)          |
| SUBMITTED BY  |             |                                       |              |   |                                       | Complete (if                                 | applicable) |
| Typed or Commondate   | W۵          | rron                                  |              |   |                                       | Reg. Number                                  | 45,200      |
| Single Market   | Tu          |                                       | _            | Date                                    | 4/30/01                               | Deposit Account<br>User ID                   | , <b></b>   |
|   |             |                                       |              |   |                                       | USEI IU                                      |             |
| √ CFF   | TIFI        | CATE                                  | OF A         | πΔΙΙΙΔπ                                 | 1(5                                   |  |             |

|                          | OLIVINIONIC OF INVIENTO  |
|--------------------------|--|
|                          | y that this correspondence is being deposited with the United States Postal Service as first class mail in an essed to: Assistant Commissioner for Patents, Washington, DC 20231 on this date:April 30, 2001 |
| Typed or<br>Printed Name | Alexandra Allison  |
|                          |  |

alexandra allise

Date April 30, 2001